

that the contact length in a generator direction of the both conical surfaces to the track on the both bearing plates is minimized.

3. (Amended) The scroll thrust bearing of claim 1,
wherein the conical surface of the both-end conical roller is crowned.

7. (Amended) The scroll thrust bearing of claim 5,
wherein said linking means is a pair of linking pins, one linking pin fixed to each bearing plate, each linking pin having an engaging flange at a leading end, and a swirl shaft at an axial direction base end of the engaging flange, the engaging flange of one linking pin swirls and slides relatively on an outer surface of the swirl shaft of the other linking pin, and the bearing plates are held in a relatively rotatable state in a same tracking as a swirl circle of the both-end conical rollers.

9. (Amended) The scroll thrust bearing of claim 5,
wherein said track pocket has an inner side of same inside diameter as a swirl circle of the both-end conical roller, the inner sides of the opposing pair of track pockets are disposed in an eccentric state by a portion of the radius of the swirl circle of the both-end conical roller mutually in a plane view, and the both-end conical rollers are guided and held in nearly elliptical holding holes formed by overlaying these inner sides.

23. (Amended) The scroll thrust bearing of claim 1,
wherein the pair of bearing plates have positioning parts to be engaged with a fixed side or a swirl side positioning part of the device swirl unit to be assembled in.

REMARKS

Claims 1-23 are pending in the application. By this Amendment, claims 1-3, 7, 9 and 23 are amended. Claims 4, 6, 8 and 10-22 remain withdrawn without further consideration.